

CLAIMS

1. An electromagnetic field deflecting garment, characterized in that it consists of a conducting fabric (2), possibly edged with a closed conductive fabric (4), connected to an electronic circuit (10) able to dispel the electromagnetic signal coming from said garment through a Joule effect.

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2. A garment according to claim 1, characterized in that said conductive fabric (2) is a dry knitted fabric with filaments (3) consisting of conductive material, disposed parallel to each other.

10 3. A garment according to claim 1, characterized in that said conductive edging fabric (4) has filaments (5) of conductive material disposed in a crisscrossed lattice.

4. A garment according to claim 1, characterized in that said electronic circuit (10) is a parallel resonator at a specific cutting frequency and a specific resonance frequency.

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5. A garment according to claim 4, characterized in that said parallel resonator consists of the connection in parallel of an inductance (14), two capacitances (15, 17), decoupled by a diode (16) and a resistance (19), said parallel resonator being coupled to the conductive fabric (4) by means of a capacitance (14).

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6. A garment according to claim 5, characterized in that said inductance (14) is about 10  $\mu\text{H}$ , the capacitance (15) is about 20 pF, the capacitance (17) is about 10  $\mu\text{F}$ , the diode (16) is the model 1N32A, the resistance (19) is about 2 M $\Omega$  and the capacitance (14) is about 100 pF.

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7. A garment according to claim 1, 4, 5 or 6, characterized in that grounding of the electronic circuit (10) is achieved by means of a cord (12) protruding from the garment and made of conductive material.

30 8. A garment according to any one of the preceding claims, characterized in that a micro-amperometer (18) is connected to said electronic circuit (10) allowing the intensity of the electromagnetic field absorbed by the garment to be displayed.

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9. A garment according to any one of the preceding claims, characterized in that said garment is a jacket (1).

10. A garment according to claim 9, characterized in that said jacket (1) comprises a housing (7) to hold objects, a housing (21) to contain the microamperometer (18) and a housing (9) to contain the electronic circuit (10).

11. A garment according to claim 1, characterized in that said garment is a hat (30).

10 12. A garment according to claim 11, characterized in that said electronic circuit (10) is positioned inside the hat (30).

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